Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 12 Dec 2020 until 23:59 on Sunday 13 Dec 2020

Forecast Issued on Saturday 12 Dec 2020 at 04:04

Confidence: Generally high for the forecast, but lower for details, especially cloud amounts later today and forecast for Wednesday.

Headline for Saturday 12 Dec 2020: Outbreaks of rain gradually clearing east later today. Widespread hill fog.

Mountain weather hazards on Saturday 12 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG			FOG	FOG
Fog	Fog	Dull	Cloudy	Fog	Fog
Precipitation probability					
70%	80%	60%	40%	20%	<05%

Forecast for Saturday 12 Dec 2020

Weather: Dull and murky with outbreaks of rain this morning, locally heavy rain. Becoming mainly dry from the west around early to mid-afternoon, but remaining largely cloudy. This evening hill fog may return.

Chance of cloud free mountain/hill tops above 600m: 10-20% this morning, widespread cloud above 400m, occasionally 300m in the west. Gradually improving 60-70% this afternoon with cloud becoming confined to the highest tops, but then possibly decreasing 10-20% this evening as low cloud develop.

Visibility: Generally a few kilometres this morning, less than 1km with hill fog. Becoming good at low levels from the west this afternoon. This evening probably becoming a few km or less again.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Saturday 12 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/13 W	17/21 W	23/29 W	18/24 W	16/21 W	14/18 W	12/17 SW
300	9/12 W	15/20 W	18/25 W	14/21 W	10/17 W	9/15 SW	8/12 SW
Valley	6/12 W	10/20 W	12/25 W	10/20 W	7/16 W	5/13 W	4/10 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	4/-0	4/-2	3/-2	3/-2	2/-2	2/-3
300	7/4	6/2	6/1	6/2	5/1	4/1	3/0
Valley	7/5	7/4	6/3	6/3	6/3	5/3	4/2
Freezing Level*	1400m	1300m	1200m	1000m	1000m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold in the wind. Extensive hill fog will make navigation hazardous.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 12 Dec 2020	6.2mm	11.6mm	15mm

Forecast for Sunday 13 Dec 2020

Weather: Dry but largely cloudy through the early hours with areas of hill fog. Outbreaks of rain arrive shortly after dawn, turning heavy and persistent by late morning with summit winds increasing. Rain clearing to leave a few showers in the evening.

Maximum wind: Southwest 20 mph increasing south-southeast 40 gusting 50-55 mph by midday. Becoming south-southwest 25-30 gusting 40-45 mph by evening.

Chance of cloud free mountain/hill tops above 600m: 80% around dawn, but quickly falling to nil as cloud lowers to become extensive above 400m. Becoming 60-70% in the evening, cloud tending to break up but lingering on the higher tops.

Visibility: Poor or very poor through daylight hours at height, otherwise moderate or good. Falling to a few kilometres or less at low levels in heavier rain.

Temperature: **Valleys:** Plus 2 Celsius rising to 5 Celsius in the afternoon and 10 Celsius in the evening.
At 600m: Plus 1 Celsius rising to 4 Celsius in the afternoon, 6 Celsius in the evening.
Freezing level: Above the summits.

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